

ABSTRACT

A high intensity discharge lamp (10a) contains an unshrouded arc tube (14a) mounted in an outer envelope (12a). The outer envelope is surrounded by a protective device (50). The device (50) comprises a translucent pocket (52) constructed of a fine mesh having a strength component sufficient to retain any shards from the outer envelope or arc tube in the event of an arc tube burst and a temperature component sufficient to handle arc tube shards that can have a temperature of $\approx 1000^{\circ}\text{C}$.